NIPROS™
Solutions You Can Rely On
NIPROS

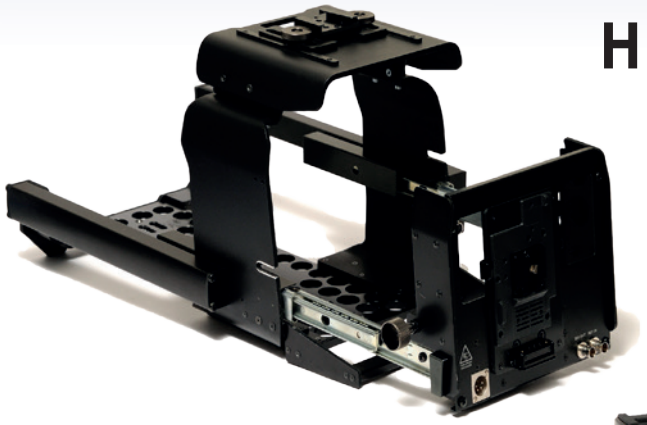
NIPROS
Panasonic
P2HD
FUJINON
FUJIFILM
DIGI 22 HD
POWER

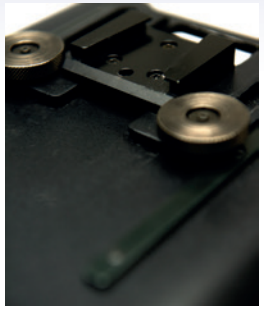
Camera System Build-up Unit

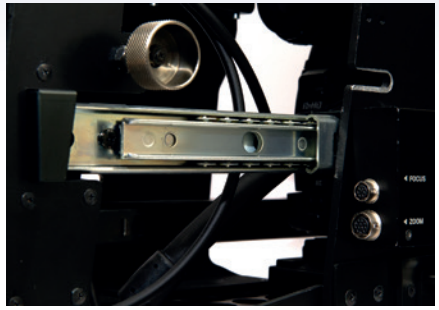
HDS-300

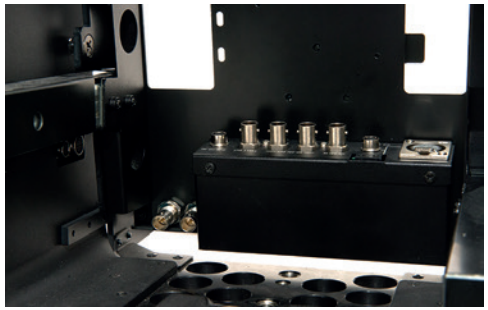
Key Features:

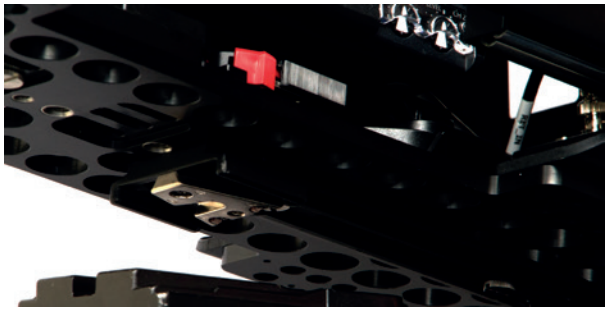
- SDI signal distribution
- Alminium main body
- DC power supply for accessories
- Slide rail mechanism
- One touch fix and release
- Viewfinder shoe
- Lens control distribution box
- V-mount plate











Specifications

Input	
DC IN	XLR 4P x 1
	V-mount : Li-ion battery holder
HD-SDI IN	BNC x 1
IF IN (VF IN)	6P x 1 : TALLY IN
ZOOM IN	12P x 1
FOCUS IN	6P x 1
Output	
DC OUT	XLR 4P (Female) x 1
	CAMTAP x 1
	MINI 4P (female) x 1 : 14.1V & 8.4V
HD-SDI OUT	BNC x 2
TALLY OUT	BNC x 1 : ON/OFF
CONTROL OUT	12P x 1 : ZOOM / FOCUS IRIS
RET OUT	4P x 1 : RET
ZOOM LENS OUT	8P x 1
General	
Power Supply	12 V DC (10-18V) approx. 0.8W
Outside Dimensions	approx. 287 x 258 x 507 mm (main body) (WxHxD)
Weight	approx. 5.3 kg (main body)
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C
Accessories	
BNC Cable x 2 / CONT 1 Cable (Focus IRIS / ZOOM) / CONT 2 Cable (RET IN) Camera screw 1/4 inch x 2 / 3/8 inch x 2 / Operating Instructions	

AS-1 Zoom Controller

for all cameras*

AS-1P Zoom Controller

for Panasonic Cameras

RM-C1

Lens Remote Control Box

with assign buttons*
for Sony/Canon Cameras

RM-S1

Lens Remote Control Box

for Sony/Canon Handheld Cameras

*Depending on Camera Lens

*Canon C100/300/500

RM-P250

Lens Remote ControlBox

for Panasonic Handheld Cameras

FR-S10

Focus Controller

for Sony Cameras*

FR-P1

Focus and Iris Controller

for Panasonic Cameras**

*For Sony PMW-300K1/K2, 320K, 400K, EX-3, F3 and F5
**For Panasonic Handheld Camcorders

ST-7S300
NIPROS

Shoulder Adapters / Conversion Kits for Handheld Camcorders

ST-7S300*

*SONY Original V-Mount Plate
*SONY Original Shoulder Pad
*DC Converter - 12VDC (9VDC-18VDC)(Approx. 0,8W)

Compatibility Chart

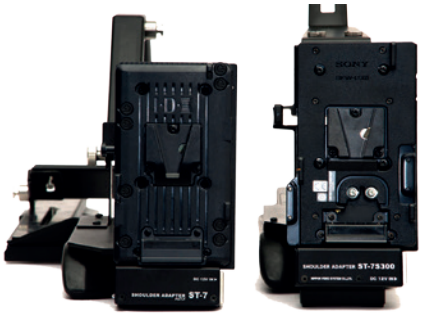
Model No.	Shoulder Adaptor	Power Supply Cable
SONY		
HVR-Z5	ST-7J	DC-Z7J
HVR-Z7	ST-7J	DC-Z7J
HXR-NX5	ST-7J	DC-Z7J
PMW-100	ST-7J	DC-EX3
PMW-160	ST-7J	DC-EX3
PMW-200	ST-7J	DC-EX3
PMW-EX1	ST-7	DC-EX3
PMW-EX3	ST-7	DC-EX3
PMW-300	ST-7S300	DC-EX3 (Supplied)
Panasonic		
AG-HMC150	ST-7J	DC-P155
AG-AC120	ST-7J	DC-P155
AG-AC130	ST-7J	DC-P155
AG-AC160	ST-7J	DC-P155
AG-HPX170	ST-7J	DC-P175
AG-HPX250	ST-7J	DC-P175
AG-HPX255	ST-7J	DC-P175
AJ-PX270	ST-7J	DC-P175
Canon		
XF100/105	ST-7J	DC-XH1
XF300/305	ST-7J	DC-XH1
JVC		
GY-HM600	ST-7J	DC-JVC1

ST-7J

Key Features:

3 BNC Connectors
XLR-4pin Input
XLR-4pin and D-Tap Outputs
V-Mount Battery Shoe
Soft Shoulder Pad

ST-7



*NIPROS ST-7S300 Studio System Items**:

ST-7S300
Shoulder Adapter / Conversion Kit

FR-S10
Focus Controller

AS-1
Zoom Controller

ASC-1B
Remote Cable for Monitor Connection

PS-470RHD/I
Optical Fiber Camera Adapter

PS-570RHD/I
Optical Fiber Base Station

TC-550
Tally Cable

RCC-450S
Remote Control Cable

DL-400
Intercom Headset (Single Ear Pad Type)

VST-14
Tripod Adaptor

ALC-100M
100m Optical Fiber Cable

CAN-50
DC Power Supply Cable

(1)
(2)
(3)

HDF-700SK
7" HD Viewfinder KIT

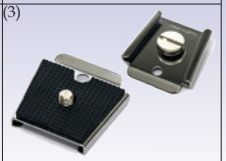
(1)

HDF-700
7" HD Viewfinder

(2)

SK-700
Studio Kit for HDF-700/700V

(3)

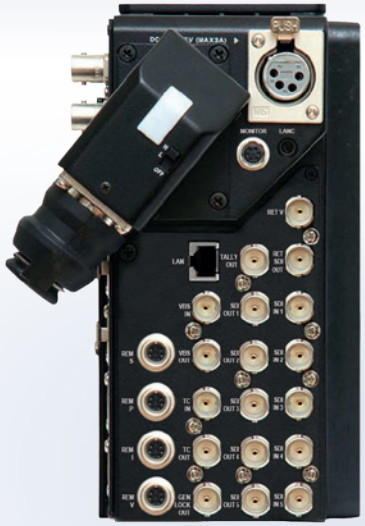


QM-3
Quick Mount Attachment

*Sony PMW-300 Camcorder
Sony CBK-DCB01 Demand Interface Unit
Sony RM-B170 Remote Controller

4K Optical Fiber Transmission System

LS-750



- 4K
- 3G-SDI HD/SD-SDI
- 3D
- GENLOCK
- INTERCOM
- RETURN
- TALLY
- 60W Power Supply*
- DC 12V x1 DC 15V x1 Output
- Signal Error Detection
- Time Code Sync
- LANC Connector
- Camera Remote Control
- LAN IP Function
- Signal Check Function

Key Features:

5x Down Streams & 1x Up Stream of 3G/HD/SD-SDI
4K + HD or 5x Camera Signal (3G/HD/SD independent mixing)
Active Loop Through Output for each 3G-SDI input of LS-750
LAN IP communication function (100Base-TX)
Up to 2 km transmission with power supply
Camera remote control function**
Signal type indicator

LS-850

*Max. 75W capability
**Sony, Panasonic, Ikegami & Canon Cameras

Dual Link 3G-SDI Optical Fiber Transmission System

LS-700

Key Features:

2 Ch. 3G/HD/SD-SDI input & output
Up to 2 km transmission with power supply
Camera remote control function !
Signal type indicator

- 4K !!
- 3G-SDI HD/SD-SDI
- 3D
- GENLOCK
- INTERCOM
- RETURN
- TALLY
- 60W Power Supply*
- DC 15V Output x2
- Signal Error Detection
- Time Code Sync
- LANC Connector
- Camera Remote Control
- LAN IP Function
- Signal Check Function

LS-800

! Sony or Panasonic Cameras
!! 4K for Canon RAW (2xBNC)

Optical Fiber Transmission System

PS-570RHD/1 Base Station
PS-470RHD/1 Shoulder Camera Adaptor
PS-270RHD/1 Handy Camera Adaptor

Key Features:

- Up to 2 km transmission with power supply
- Camera remote control function*
- HD/SD-SDI Multi camera system
- Real time system monitoring
- V-mount battery plate
- Signal type indicator

PS-470RHD/1

PS-270RHD/1

PS-570RHD/1

HD/SD-SDI | RETURN | TALLY
GENLOCK | INTERCOM | LANC Connector
70W Power Supply | DC 12V Output | DC 8.4V Output
VU/Peak Meter | Time Code Sync | Camera Remote Control

*Sony and Panasonic Cameras

HD/SD-SDI Multi Core Transmission System

ES-500

ES-600/600P* Base Station
ES-500/500P* Shoulder Camera Adapter
ES-300/300P* Handy Camera Adapter

Key Features:

26 pin hybrid multicore cable
HD/SD-SDI program signal transmission
HD/SD-SDI return signal transmission
Camera remote control function

ES-300

HD/SD-SDI
RETURN
TALLY
GENLOCK
INTERCOM
LANC Connector*
50W Power Supply
DC 12V Output
DC 8.4V Output
VU/Peak Meter
Time Code Sync
Composite Input
HD/SD Component Input
Camera Remote Control

ES-600

*ES300/ES-500/ES-600 are for Sony Camcorders
*ES300P/ES-500P/ES-600P are for Panasonic Camcorders

RETURN
MAIN
POWER
INPUT
ZEBRA
MARKER
MONO/RGB
UTIL
TC TALLY
ASSIGN
MENU
STANDARD
USER
ENTER
PUSH
SELECT
TC 01:24:47.18
30PN
MF75
Z65
00:00:00
SDI MAIN + RET
1080i/60
NIPROS

HDF-500

HDF Series Viewfinders/Monitors

HDF-500

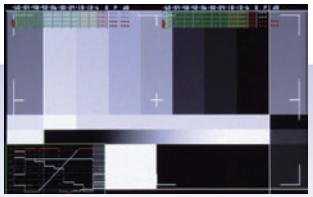
Key Features:

5” HD Viewfinder/Monitor
Switchable Camera/Return HD-SDI picture
Picture in Picture
Built-in Tally Indicator

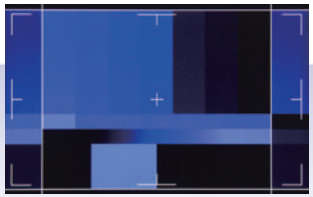
HD/SD-SDI	HDMI	HD Component	VBS	SDI Return	24P Input
Full Measurement Function	Multiview	SDI Error	Zebra Function	Marker	Clear Peaking Function
Embedded Audio OUT	16 Ch. Audio Meter	TC Display	P in P	B/W RGB	Return Remote SW
Full HD*	Large TALLY	R/G TALLY	Low Reflection	V-Mount Battery	

*HDF-HR500 has Full HD display

Clear Peaking Function



Monochrome Mode



Blue Only Mode

Advanced Zebra Function

HD/SD-SDI	HDMI	HD Component	VBS	SDI Return	24P Input
Full Measurement Function	Multiview	SDI Error	Zebra Function	Marker	Clear Peaking Function
Embedded Audio OUT	16 Ch. Audio Meter	TC Display	P in P	B/W RGB	Return Remote SW
Full HD	Large TALLY	R/G TALLY	Low Reflection	V-Mount Battery*	

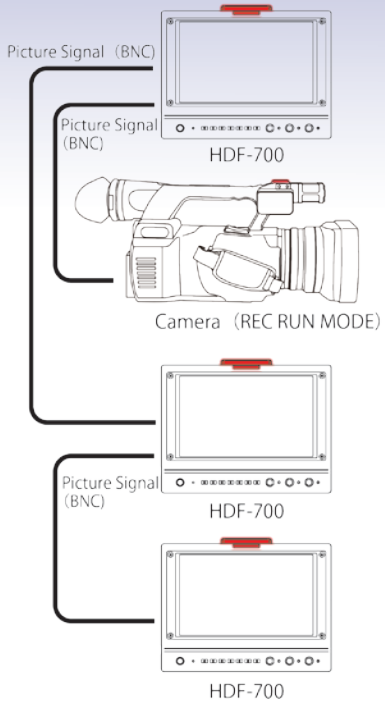
*HDF-700V has V-mount battery plate

Key Features:

7” Viewfinder/Monitor
Built-in Tally Indicator
Switchable Camera/Return HD-SDI picture

HDF-700

HDF-700V



TC Tally Function
Cascade tally connection with BNC cable

Other Viewfinders/Monitors

LVM-89W 8.9"

Full Measurement Function | HD/SD-SDI | HD Component | 16 Ch. Audio Meter | RGB Only | Stereo Speaker
TALLY | Headphone Jack | HDMI | Zebra Function | Marker | XLR-4pin DC 12V OUT

HDM-1800W 18"

Full Measurement Function | HD/SD-SDI | HD Component | 16 Ch. Audio Meter | RGB Only | Stereo Speaker
TC | Headphone Jack | 24P Input | Zebra Function | Marker | Rack Mount

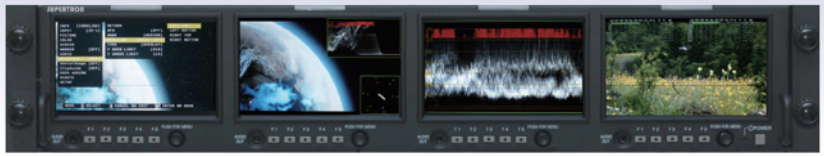
HDM-2400W 24"

Full Measurement Function | HD/SD-SDI | HD Component | 16 Ch. Audio Meter | RGB Only | Stereo Speaker
TC | Headphone Jack | 24P Input | Zebra Function | Marker | Rack Mount

HDM-3200W 32"

Full Measurement Function | HD/SD-SDI | HD Component | 16 Ch. Audio Meter | RGB Only | Stereo Speaker
TC | Headphone Jack | 24P Input | Zebra Function | Marker | Rack Mount

HDM-4000 4.3"



Full Measurement Function | HD/SD-SDI | HD Component | 16 Ch. Audio Meter | RGB Only | Stereo Speaker
TC | Headphone Jack | 24P Input | Zebra Function | Marker | XLR-4pin DC 12V IN

HDM-3000 5"

Full Measurement Function | HD/SD-SDI | HD Component | 16 Ch. Audio Meter | RGB Only | Stereo Speaker
TC | Headphone Jack | 24P Input | Zebra Function | Marker | XLR-4pin DC 12V IN

HDM-2000 7"

Full Measurement Function | HD/SD-SDI | HD Component | 16 Ch. Audio Meter | RGB Only | Stereo Speaker
TC | Headphone Jack | 24P Input | Zebra Function | Marker | XLR-4pin DC 12V IN

HDM-70SP 7"

Full Measurement Function | HD/SD-SDI | HD Component | 16 Ch. Audio Meter | RGB Only | Stereo Speaker
TC | Headphone Jack | 24P Input | Zebra Function | Marker | XLR-4pin DC 12V IN

BNC Wired Intercom System

Key Features:

- BNC wiring
- Up to 10 units cascade/star connection
- Up to 2km cable distance
- 200 hours continuous usage with 2x AA batteries
- Individual audio control
- Tally light indication
- Bulit-in equalizer

FD-400A/D
Belt pack + dual full covered type headset

FD-400A/S
Belt pack + single ear pad type headset

FD-400A
Belt pack + single full covered type headset

FD-400AN
Belt pack only

FD-400A

FD-900S

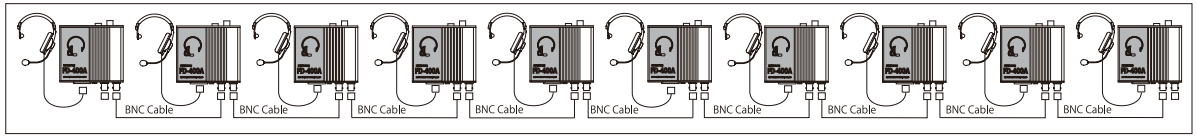
TU-10A

Tally Unit*
*Option for Multi Camera System

Key Features:

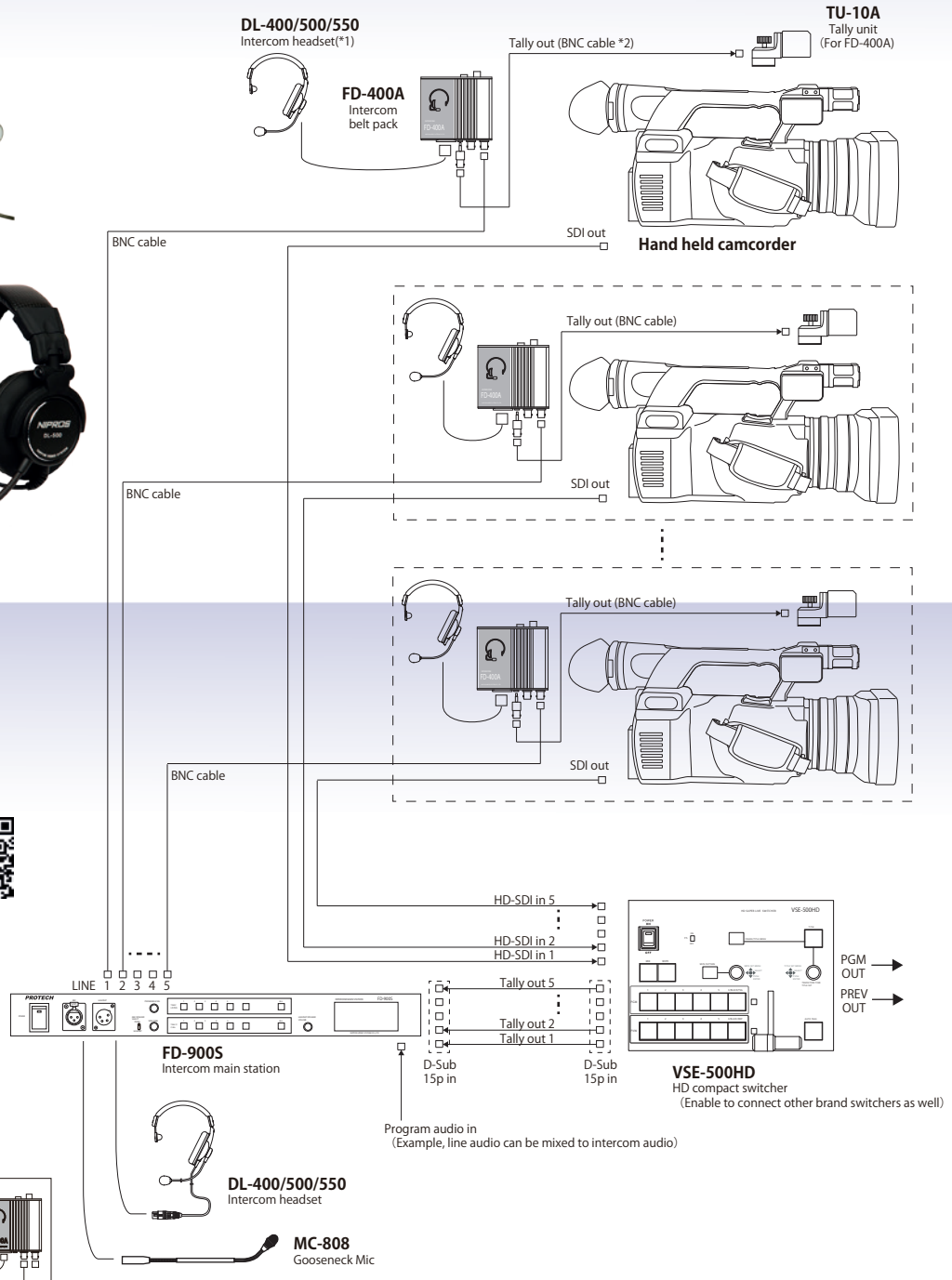
- BNC wiring
- 5 groups communication
- Up to 8 units of FD-400A for each group
- Call & talk for all groups/each group
- Tally output to each group
- Power supply for each FD-400A
- PGM audio mixing

FD-400A System Chart



Max. 10 units of FD-400A can be chained with Max. 2 km BNC cable length in total.

FD-400A/900S + VSE-500HD System chart



4 Channel Audio Field Mixer

FS-40X

- 6.3Φ Connector
- 4 Channel Inputs
- Parametric Equalizer
- Monoaural Direct Output
- 3.5Φ Connector
- MS Decoder
- PFL Function
- VU/Peak Meter
- XLR-4pin DC 12V IN
- Stereo Recording
- Peak Indicator
- RCA Out
- AA Battery
- 1Khz Oscilator
- Battery Indicator
- Phantom P48/AB12

3 Channel Audio Field Mixer

FS-302P

- 6.3Φ Connector
- 3 Channel Inputs
- Parametric Equalizer
- Monoaural Direct Output
- 3.5Φ Connector
- MS Decoder
- PFL Function
- VU/Peak Meter
- XLR-4pin DC 12V IN
- Stereo Recording
- Peak Indicator
- RCA Out
- Phantom P48/AB12
- AA Battery
- 1Khz Oscilator
- Battery Indicator

Key Features:

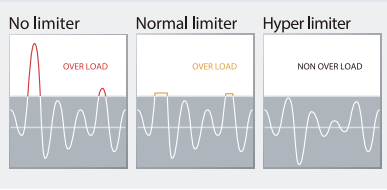
- Master Limiter for output channel
- Variable low cut filter
- Equalizer for each input channel
- Independent Hyper Limiter for each input channel

4 Channel Audio Level Meter

MB-40X

Hyper Audio Limiter

FS-205

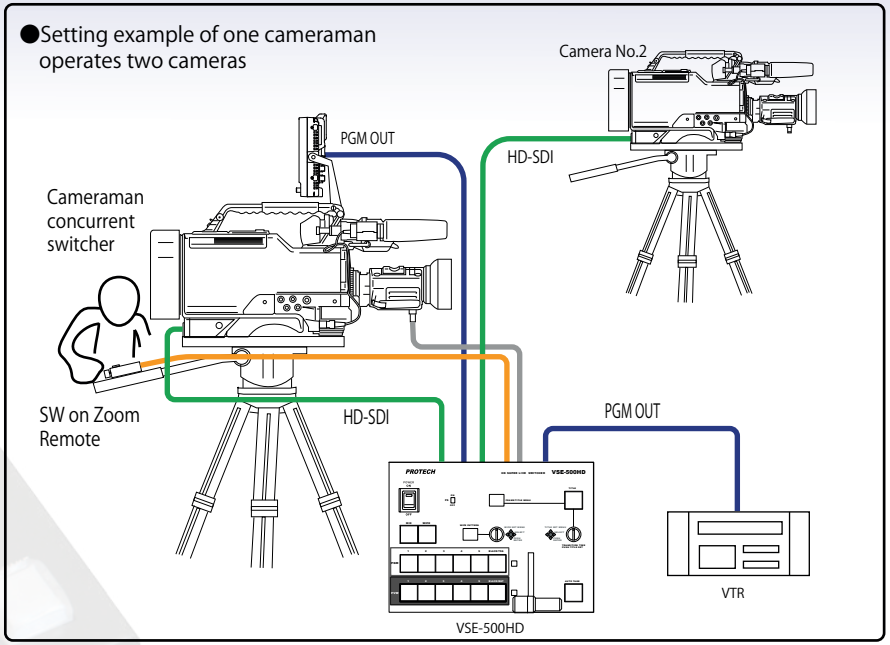


Key Features:

- Distortion protection over 30dB
- 1 input 2 outputs
  or
  2 inputs 2 outputs selection

- VU/Peak Meter
- Phantom P48
- 1Khz Oscilator
- 3.5 Φ Connector
- Peak Indicator
- RCA Out

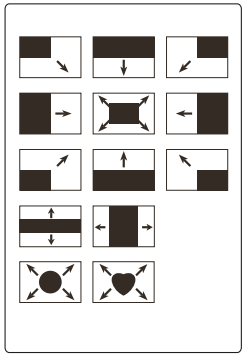
HD Digital Live Switcher



- 6 HD-SDI Inputs
- SDI Signal Equalizer
- Border ON/OFF
- Tally OUT
- Title IN
- Black & White Mat
- REC PGM OUT x4
- SYNC OUT x6
- Monitor OUT x5
- Direct Cut
- Overlap
- Auto Take
- AC & DC Operation
- 13 Patterns

Key Features:

Compact & simple operation
Built-in frame synchronizer
One man two camera option
Monitor preview function



VSE-500HD

Dual Channel 3G/HD-SDI Reclocker

VHD-2200

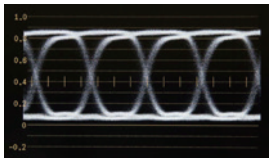
3G/HD/SD-SDI signal cable loss compensation

Individual and simultaneous reclocking

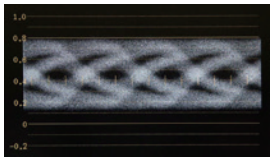
Restoring signal up to original level

2 Channel signal disribution

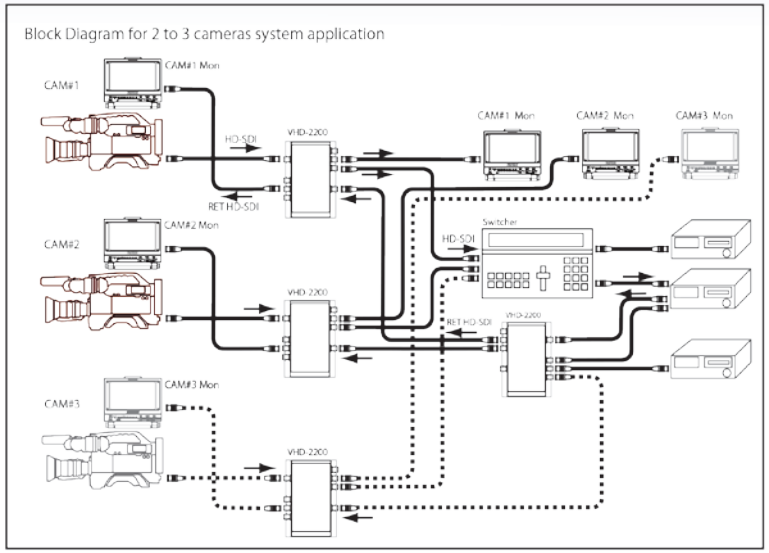
LED input indicators



Compensated signal



Degraded signal



Audio Embedder

F-1

4 Ch. Analog audio signal individual inserting

Time Code output

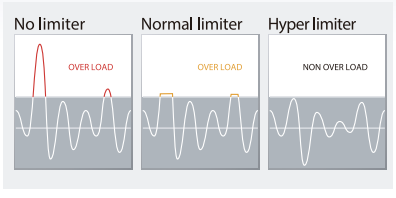
Delay adjustment (0 - 3 frames)

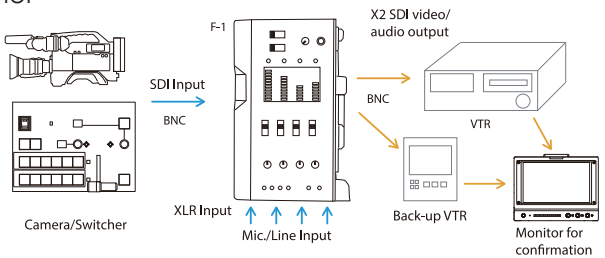
Audio bar meters for each channel

Up to 16 channels audio embeding with 4x F-1 units

Built-in hyper limiter for each channel

XLR Mic. /Line level input





DC Splitter

WAKE-1

Up to 3 simultaneous power supply for
Handheld camcorders and
Memory recorders

Securing the power supply

Simultaneous mobile phone charging

Built-in V- mount plate

DC 12V input

XLR-4pin 12V x2 outputs
Mini-4pin 12V-8.4V x3 outputs
D-tap 12V x1 output
USB 5V x4 outputs

UPS Unit

UPS-10

Unexpected power disconnection protection

V-mount battery connector

Simultaneous power supply from 4 connectors

Backup function - power transformer

Power input indicator

Noise Eater

NC-400

Ground noise cancellation or reduction

Input signal adjustment

Multi output signal

LED CamLight

Tangsten Light 3200K

Day Light 5600K

Individual Control

UC-600

HD-SDI Distributor

VHD-5000

4 x 1 Input
4 Output

VHD-400

1 Input
4 Output

VHD-200

1 Input
2 Output

NIPROS™

(C) Nippon Video System Co. Ltd. All rights reserved.
Features and specifications are subject to change without notice.
HDMI is a trademark of HDMI Licensing, LLC.
"NIPROS" is an international brand name of "PROTECH" product.

http://protech-nipros.com

SYSTEC International

http://www.systecintl.com

3-2-9 Nishi-Temma, Kita-ku,
Osaka 530-0047, Japan
+81 (0)6 6363 4601 (Tel)
+81 (0)6 6363 3666 (Fax)

P.O. Box 17103, Jebel Ali Free Zone,
Round About 12, WH No. VE2
Dubai, U.A.E.
+971 (0)4 8835057 (Tel)
+971 (0)4 8838226 (Fax)

Local Distributor: